



DECEMBER 2002 ENGINEERING AND RELATED SERVICES SOLICITATION

SOLICITATION CONCLUDED: DECEMBER 11, 2002

A = Estimated Consultant Contract cost < \$100,000
 B = Estimated Consultant Contract cost > \$100,000 but less than \$1,000,000
 C = Local Unit of Government Selects Consultant
 D = Estimated Consultant Contract cost > \$1,000,000

**** Open to all firms**

Concept Definition Reports or Scope of Service narratives are included as supplements to this solicitation. They are current at the time of Internet publication but are subject to change. Click on the PROJECT ID for more detail.

DISTRICT & SOLICITATION #	PROJECT ID	ANTICIPATED CONSTRUCTION COST	ANTICIPATED SELECTION DATE	ANTICIPATED PROJECT START DATE	ANTICIPATED PROJECT COMPLETION DATE	DBE GOAL ? (Yes or No)	LOCAL SELECTION? (Yes or No)	CONTACT PERSON	TELEPHONE #
DISTRICT 1									
D1 1B	1706-05-00	N/A	1-Jan-03	1-Mar-03	1-Sep-04	Yes	No	Marshall Quade	(608) 243-3366
DISTRICT 2									
D2 1B	2230-02-00	\$ 10,000,000	15-Jan-03	1-Feb-03	1-Mar-05	Yes	No	Brian Bliesner	(262) 548-6893
D2 2B	0690-62-16	N/A	27-Dec-02	15-Jan-03	30-Jun-04	No	No	Mike Einweck	(262) 548-5933
D2 3B	0690-62-17	N/A	27-Dec-02	15-Jan-03	30-Jun-04	No	No	Mike Einweck	(262) 548-5933
D2 4B	0690-62-18	N/A	27-Dec-02	15-Jan-03	30-Jun-04	No	No	Mike Einweck	(262) 548-5933
D2 5B	2290-06-03	N/A	30-Jan-03	1-Mar-03	5-Aug-05	Yes	No	Vida Shaffer	(262) 548-6445
D2 6B	1420-10-00	\$ 40,000,000	30-Jan-03	1-Mar-03	1-Mar-06	Yes	No	Vida Shaffer	(262) 548-6445
DISTRICT 3									
D3 1A	1130-18-01	\$ 310,000	17-Jan-03	1-May-03	1-Jul-04	Yes	No	Chuck Karow	(920) 492-5997
DISTRICT 4									
D4 1B	1620-00-00	\$ 6,700,000	13-Dec-02	15-Jan-03	1-Jul-03	Yes	No	Roland Hawk	(715) 421-7361
DISTRICT 5									
D5 1C	5991-09-31	\$ 700,000	11-Dec-02	16-Dec-02	1-Jan-04	Yes	Yes	Dennis Osgood	(608) 786-3810
DISTRICT 7									
D7 1A	9030-07-00	\$ 3,325,089	2-Jan-03	16-Jan-03	1-Aug-03	No	No	David Kircher	(715) 365-5741
BUREAU OF HIGHWAY DEVELOPMENT									
BHD 1B	0093-28-64 **	\$ 650,000	28-Feb-03	6-May-03	22-Nov-03	Yes	No	Darin J. Henkel	(608) 264-8710



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 1

Scope of Service Narratives:

D1 1B

Project ID: 1706-05-00

USH 51 – IH 43

STH 11/USH 14, Rock & Walworth

The Madison Transportation District 1 will be conducting an Environmental Impact Study (EIS) for STH 11/USH 14 from USH 51 in the Janesville area to IH 43 in Walworth County. The study will begin in spring of 2003. Activities/tasks that will be included in this study:

- Document environmental impacts
- Identify potential land use impacts
- Analyze geometric design
- Prepare traffic operations analysis (may include traffic counts, traffic modeling, crash analysis, capacity analysis)
- Recommend interchange improvements (may include bicycle and pedestrian enhancements)
- Review local road network
- Review structures
- Recommend potential park and ride lot sites
- Determine potential alternative transportation solutions
- Prepare public involvement plan
- Conduct public involvement activities
- Prepare a draft EIS
- Prepare a final EIS
- Prepare a record of decision

For more information contact Marshall Quade at (608) 243-3366.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 2

Scope of Service Narratives:

D2 1B

Project ID: 2230-02-00

Greenfield Avenue
CTH Y to Calhoun Road
Waukesha County

Project design is complete through 60% plans. This contract will be final design services through and including PS&E documents. Project involves a capacity expansion to an urban 4-lane facility. Scope of services includes major intersection design, including a segment of new local road. Final design includes storm sewer and related detention facilities. Highly visible project will require ability to deal with public, local units of government and environmental agencies. Completion of final design may require revisions to existing R/W plat.

For more information, contact Brian Bliesner at (262) 548-6893.

D2 2B

Project ID: 0690-62-16

D2 3B

Project ID: 0690-62-17

D2 4B

Project ID: 0690-62-18

Master Contract
Expires June 30, 2004
Traffic Impact Analysis Preparation
Various Locations
Various D2 Counties

This process involves the selection of three qualified traffic engineering consultants that would be on a master contract to perform engineering services in preparing Traffic Impact Analyses (TIA's) for Department review in conjunction with proposed development. These firms will also be utilized in the preparation of plans for geometric improvements and traffic signal designs that may be required as a result of the TIA. Candidate firms will be very familiar with the WISDOT Facilities Development Manual, WISDOT's TIA Guidelines, the MUTCD, Traffic Guidelines Manual (TGM), WISDOT Traffic Signal Design Manual (TSDM), ITE Trip Generation, Highway Capacity Manual and all other approved traffic analysis and design tools. The procedure is outlined as follows:

- 1) After a DOT Development Request Team meeting with the developer and locals, DOT receives, in writing, the scope and tentative site plan by the developer.
- 2) This information is submitted to the local agency to verify that the proposed use has the ability to be built, no zoning or other local issues to prevent the project from being constructed.
- 3) DOT staff would submit this information along with a scope of work to one of the selected firms to prepare a final scope of services with the cost and schedule to complete the work.
- 4) This information would be forwarded to the locals for concurrence. Costs for the TIA is paid up front by locals or developer.
- 5) Unique work order ID set up and authorized.



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TRANSPORTATION DISTRICT 2 continued

- 6) The consultant would perform the services and submit by the scheduled timeframe the complete report.
- 7) DOT staff would review the report and either accept the report or request revisions. (No additional cost should be added to the original scope of services unless the developer changes the scope of their project).
- 8) When the TIA process is completed, the consultant is paid by DOT with funds previously received by and agreed upon by the local agency or the developer.
- 9) The improvement requirements are prepared and the development moves forward to permitting.

For more information, contact Mike Einweck at (262) 548-5933.

D2 5B

Project ID: 2290-06-03

STH 38

CTH K to Oakwood Road

Racine County

The Waukesha Transportation District 2 solicits for a corridor expansion study. It involves data gathering, investigation of alternatives, development of a public involvement plan, analysis of impacts of the proposed alternatives and determination of a preferred alternative. This contract requires the completion of an Environmental Impact Statement and a Design Study Report. The project follows the department's standard facilities development process up to the final design stage. Selections will be done through the interview process.

For more information, contact Vida Shaffer at (262) 548-6445.

D2 6B

Project ID: 1420-10-00

USH 151

Townline Road to STH 175

Fond du Lac County

Majority of the project is complete through 60% plans. This contract will be final design services through and including PS&E documents. Project involves a new six ramp interchange at CTH D, design of 3.5 miles of a rural 4 lane facility on new alignment, diamond interchange at Hickory Street and several over and underpasses and frontage roads. Scope of services includes final design of seven structures, drainage and related detention facilities, railroad shoo fly design and interchange design. Highly visible project will require ability to deal with public and conduct public informational meetings, coordinate with local units of government, environmental agencies, utilities and railroad. Completion of final design will be three separate let contracts and may require revisions to existing R/W plat. Selections will be done through the interview process.

For more information, contact Aziz Aleiow at (262) 548-6430 or Vida Shaffer at (262) 548-6445.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 3

Scope of Service Narratives:

D3 1A

Project ID: 1130-18-01

De Pere – Green Bay

Glory Road and Hansen Road Overpasses

USH 41

Brown County

This project consists of rehabilitating two bridges over USH 41 in Brown County. The structures are located on Glory Road and Hansen Road in the Village of Ashwaubenon.

The design consultant will be responsible for:

- Preparing the design study and pavement reports,
- Preparing the environmental document,
- Coordinating all agency and permits,
- Coordinating utilities
- Planning and coordinating public involvement,
- Preparing field surveys,
- Preparing preliminary and final road plans,
- Preparing preliminary and final structure plans,
- Preparing the Plans, Specifications and Estimates (PS & E).

The construction project is scheduled for letting in Fall 2004.

Contact Chuck Karow at (920) 492-5997 for more information.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 4

Scope of Service Narratives:

D4 1B

Project ID: 1620-00-00

STH 13

Marshfield – Spencer

McMillan Street – 26th Road

Marathon County

The department is soliciting for a consultant firm to deliver the final construction plans for the subject project. Preliminary design, right-of-way plat, pavement design, environmental document, phase I hazardous material, and the wetland inventory are completed for the entire corridor from McMillan Street to the village of Spencer.

Work will consist of completing final plans, specifications, and estimate for a July 1, 2003 completion date for the segment McMillan Street to 26th Road. Also to be completed is utility coordination, updates to right-of-way plat, staking proposed right-of-way, storm sewer design, culvert design, lighting design, rail road coordination to include a OCR hearing, railroad crossing design, signal design, paving detail, erosion control plan, traffic control plan, permanent signing and pavement marking plan.

This project has had a very high level of community and political interest and public information meetings have been very instrumental in the exchange of information. Additional meetings are expected and the consultant should be readily available to answer and explain issues to individuals on an as needed basis.

For more information, contact Roland Hawk, P.E., Project Manager, (715) 421-7361.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 5

Scope of Service Narratives:

D5 1C use Consultant Solicitation for Local Government Selection NOI

Project ID: 5991-09-31

Clinton Street (CTH B), Town of Campbell

(Bainbridge Street – Nakomis Avenue)

CTH B

La Crosse County

The project scope is a full service design contract for this 0.17-mile reconstruction project. The project consists of reconstructing the existing two lane roadway to four lanes and the design of a new structure. The project is located in the Town of Campbell and is classified as a Minor Arterial. Current traffic volumes are 11000 and are project to increase to 15700 in 2022. The road will remain open to traffic during construction through the use of staged construction. Construction is scheduled for 2004.

Work to be completed by the consultant includes; preliminary and final roadway and structure design, subsurface investigations, hazardous materials investigation, Type III environmental document, pavement design, design study report, agency and utility coordination, hydraulics and hydrology reports, public involvement, survey, traffic control, roadway and structure plan preparation, quantities and estimate, and special provisions for the roadway and structure.

For more information, contact Dennis Osgood, La Crosse County Highway Commissioner at (608) 786-3810.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

TRANSPORTATION DISTRICT 7

Scope of Service Narratives:

D7 1A

Project ID: 9030-07-00

STH 64-Big Haymeadow Creek

STH 17

Lincoln County

The department seeks consultant design services to provide right of way plat along with surveying services, and legal descriptions. The information is required to accommodate the purchase of land necessary to construct and maintain STH 17 from CTH G to CTH C. This project is located in Lincoln County.

For more information, contact David Kircher, at (715) 365-5741.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

BUREAU OF HIGHWAY DEVELOPMENT

Scope of Service Narratives:

BHD 1B use Consultant Solicitation Open to All Firms NOI
Project ID: 0093-38-64

Consultant services are needed to construct between 700 - 900 concrete post-type Geodetic Survey Control Station monuments along and within highway right-of-way and other public properties. The purpose of this work is to establish geodetic survey control station monuments for referencing horizontal and vertical positions to a centimeter level of precision. The horizontal and vertical positions will be used by the Department to provide coordinates of various existing features for the design and construction of transportation improvement projects.

Principal Contacts

The following representative for the department shall serve as the consultant's principal contact for project coordination, production schedules, technical questions, receipt of invoices, and determining acceptability of the scope of services for this project:

Darin J. Henkel
Height Modernization Project Manager
Wisconsin Department of Transportation
Surveying & Mapping Section, Room 5B
P.O. Box 7916
Madison, WI 53707-7916

Telephone: (608) 264-8710
E-Mail: darin.henkel@dot.state.wi.us

The consultant will be required to perform the following:

- Arrange to and identify any underground obstructions in the proposed construction area by contacting Diggers Hotline and others that have facility utilities in the proposed construction area.
- Obtain permission to travel across land by other than the owner of the land at the location of the proposed geodetic survey monument.
- Notify and coordinate accessibility to station(s) with airport manager or duly appointed representative prior to entering airport facilities (i.e. any area within the airport property boundaries.)
- Make a public announcement regarding the scope of work through a department approved method.
- Inform local, county and state law enforcement when constructing Geodetic Survey Control Station monuments along highway or road right-of-way.
- Perform any necessary traffic control.
- Provide all equipment and supplies needed to perform tasks with the exception of the Geodetic Survey Control Station disk.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

BUREAU OF HIGHWAY DEVELOPMENT continued

- Construct geodetic survey monuments as designated under Figure 2.
- Submit weekly reports indicating work performed.

Department/department representative responsibilities are the following:

- Complete and supply reference ties and locational information for proposed geodetic survey control station monument sites.
- Choose alternative location of obstructed utility sites previously identified by consultant.
- Obtain permission to construct the geodetic survey control station monument whether the property is publicly or privately owned.
- Supply the 3 ½-inch diameter, bronze Geodetic Survey Control Station disk to be set in the top center of the post.

General Layout Configuration

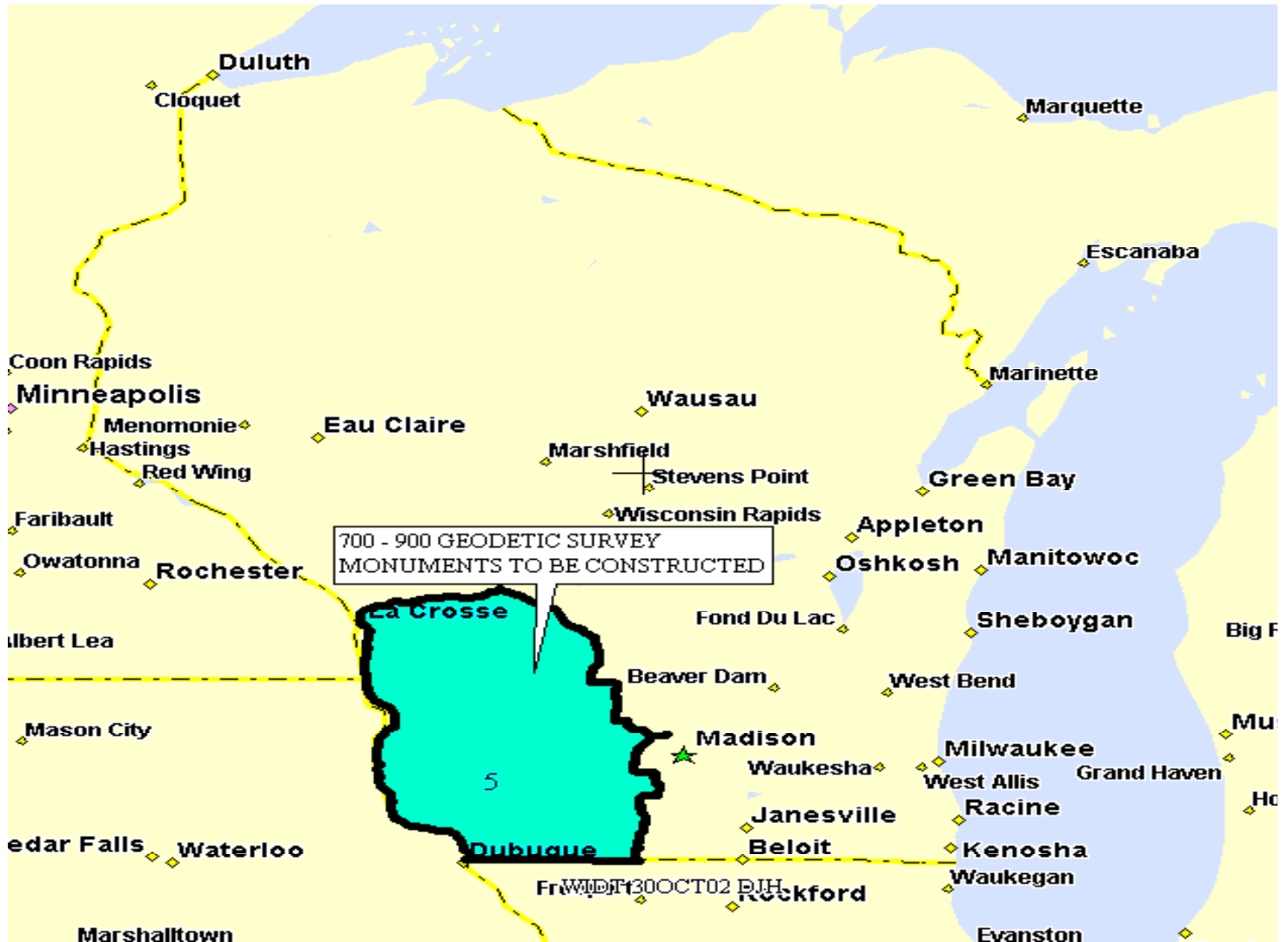
The general layout configuration is illustrated under Figure 1 on the next page.



DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

BUREAU OF HIGHWAY DEVELOPMENT continued

FIGURE 1
General Area of
Geodetic Survey Monumentation Project





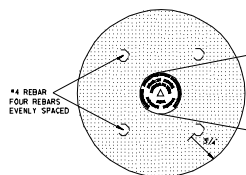
DECEMBER 2002 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

BUREAU OF HIGHWAY DEVELOPMENT continued

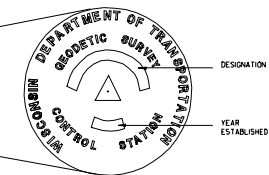
FIGURE 2

Geodetic Survey Monument Design

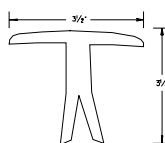
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PLAN VIEW



GEODETIC SURVEY CONTROL
STATION DISK



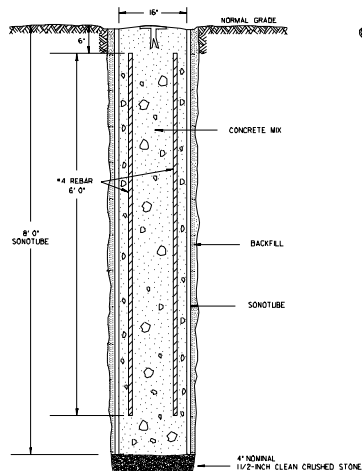
SIDE VIEW
GEODETIC SURVEY CONTROL
STATION DISK

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

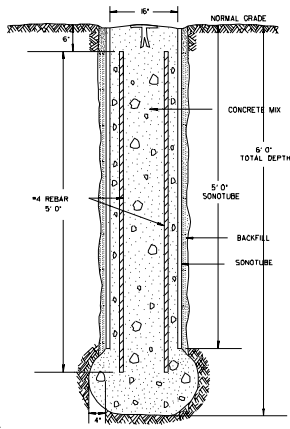
- 1 ALL CONCRETE MIX SHOULD BE WISCONSIN DEPARTMENT OF TRANSPORTATION GRADE A AIR ENTRAINMENT WITH A SLUMP NOT TO EXCEED 4 INCHES.
- 2 ALL REINFORCING BARS SHALL BE NUMBER 4 (1/2 INCH DIAMETER).
- 3 ALL SONOTUBES USED WILL HAVE A 16-INCH INSIDE DIAMETER WITH 0.25-INCH THICK WALL.
- 4 CLEAN MORTAR SAND OR SIMILAR MATERIAL SHALL BE USED FOR BACKFILL.
- 5 MONUMENT BASE MATERIAL SHALL BE 1 1/2-INCH CLEAN CRUSHED STONE.
- 6 GEODETIC SURVEY CONTROL STATION DISKS WILL BE FURNISHED BY THE DEPARTMENT.
- 7 TOP OF DISK SHALL BE FLUSH WITH EXISTING GRADE.

CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION



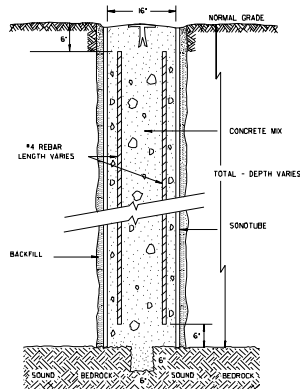
SIDE VIEW
STANDARD
TYPE INSTALLATION
METHOD

CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION



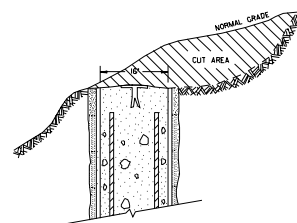
SIDE VIEW
BELL TYPE INSTALLATION
METHOD

CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION



SIDE VIEW
ROCK TYPE INSTALLATION
METHOD

CONCRETE MONUMENT FOR GEODETIC SURVEY CONTROL STATION



SIDE VIEW
IRREGULAR
GRADE TYPE INSTALLATION
METHOD

CONCRETE MONUMENT
FOR GEODETIC
SURVEY CONTROL STATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

S.D.D.